

*Academic
Nursing
Coalition for
Disaster
Preparedness*

West Central Ohio's Academic Nursing Coalition for Disaster Preparedness (ANCDP)



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Combined Health District
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Combined Health District



"Health In Many Ways"



Disaster Preparedness: West Central Ohio's Legacy

“Drill today, survive tomorrow.”



SNS Dispenser



TROLLEY CAR AT DAYTON, OHIO, SWEEPED THREE BLOCKS BY THE FLOOD AND OVERTURNED IN THE STREET



PANORAMIC VIEW—SHOWING FLOODED SECTION OF DAYTON, OHIO, WHEN THE WATER WAS RISING. THIS PICTURE SHOWS RESIDENCES OF THE WORKING PEOPLE

By Order of Gov. James M. Cox The City of Dayton, Ohio

Has been placed under

Martial Law

By his orders I hereby assume command of troops on duty

The citizens of this city are requested to be of service to the National Guard by remaining in their homes, or if out on business remain as far from the flooded district as possible. No sight seers or excursionists will be allowed to disembark in Dayton. The various railroads are requested to assist in the enforcement of this measure by refusing the sale of tickets to others than those having the most urgent business in the City of Dayton.

The strictest sanitary regulations will be enforced and citizens are requested to do their utmost to assist in this regard.

Violators of these orders will be promptly arrested and confined until such time as they can be tried by the proper Military Tribunal. Thieves, Looters and Robbers will be dealt with summarily.

By Order of

Chas. X. Zimmerman,

Colonel Fifth Infantry,
Commanding Officer

Official
John W. Pattison,
Chief of Staff.

Filed of
1913
1913.

Source: Dayton Metro Public Library



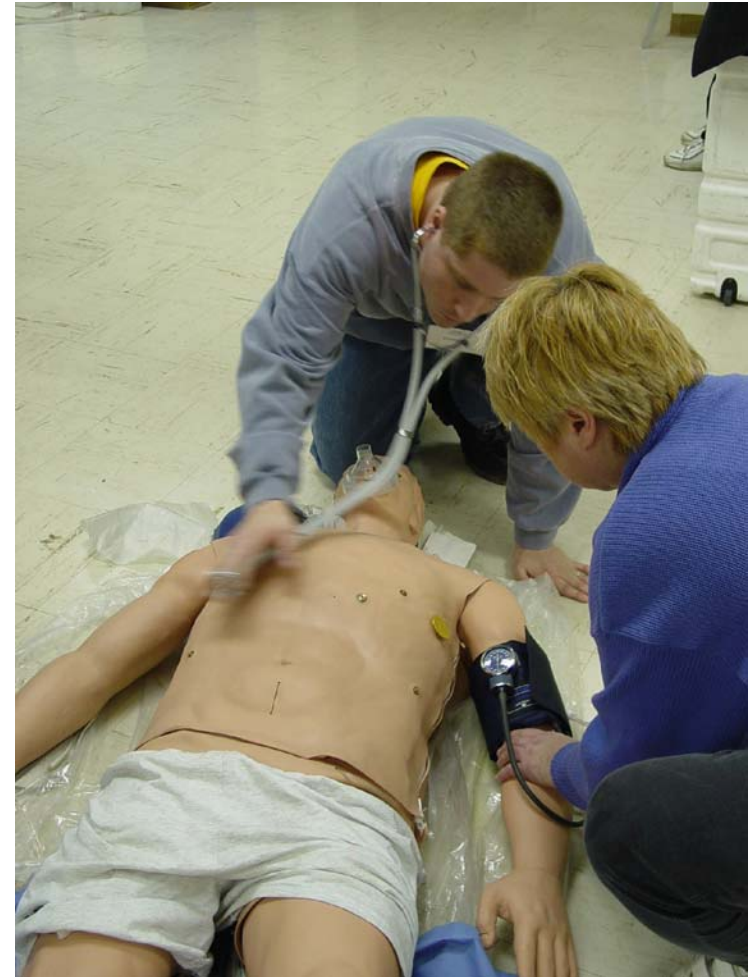
C.F. Boone



(COURTESY WENS)

SWOT Analysis 2002

- Strengths of existing resources
 - Advanced Trauma Life Support
 - Emergency Medical System
 - Legacy
- Challenges to the system
 - Inter-agency communication
 - Manpower
 - Education of the workforce
 - Cross-jurisdictional issues



Opportunity for a Nursing Coalition

- Education of novice providers
- Establish minimum standards of care
- Serve the public's interest



Clark County Flu Clinic 2004

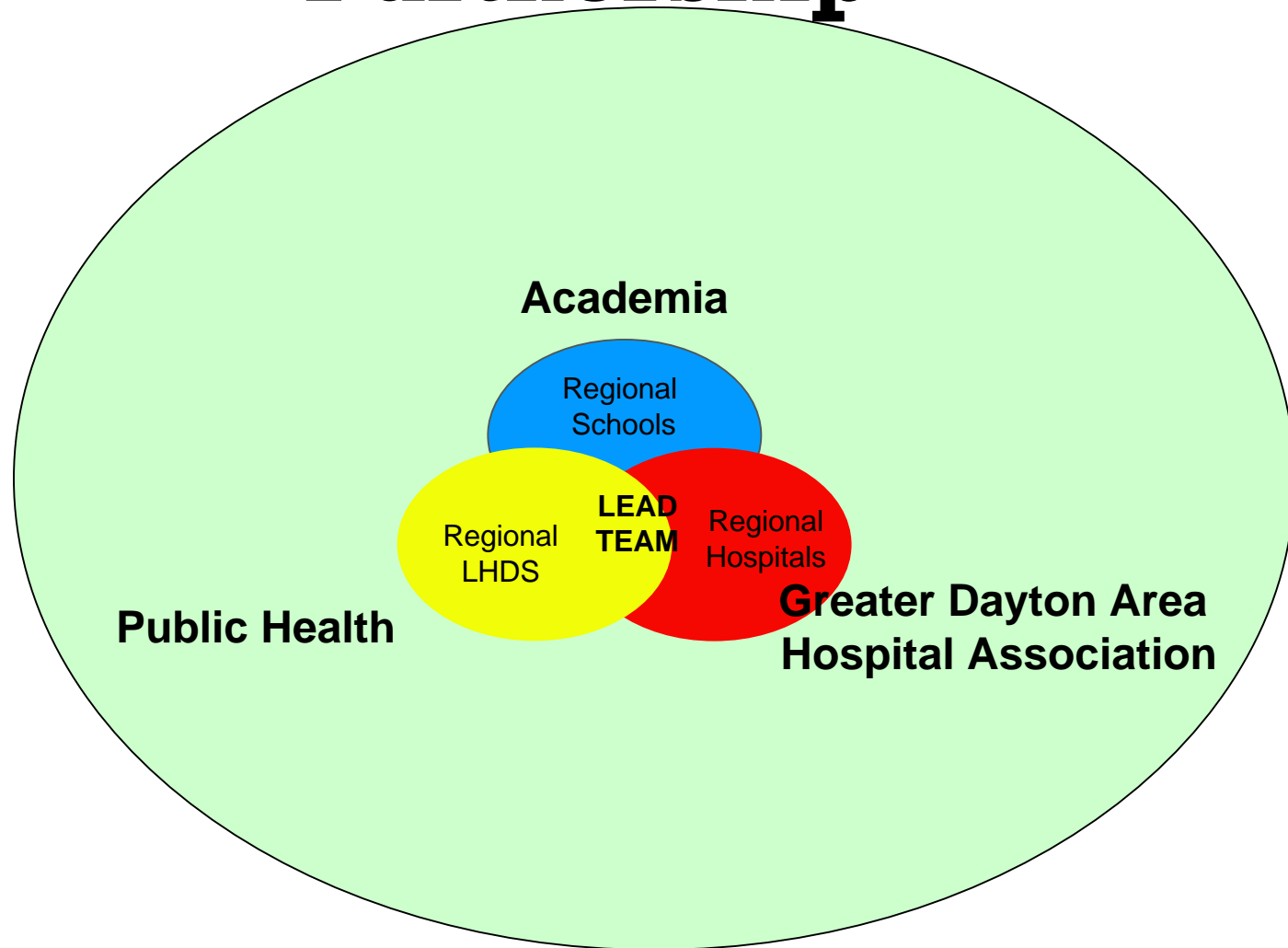
Threats to Existing Public Health Infrastructure

- Overwhelm existing resource
- Conforming efforts of individuals and organizations to disaster response behavior



Clark County Flu Clinic, 2004

Venn Diagram of ANCDP Partnership



Purpose of the Coalition

- Provide on-site or mobile nursing care in the event of a disaster
- Provide nursing students the basic disaster knowledge and skill to enter the workforce and participate in pre-event, event, and post-event disaster-related activities



BDLS Mark I training March, 2005

ANCDP 2003 Activity

- Memoranda of Understanding
- Roles
- Define outcome measures
- Method for credentialing
- Dress codes
- Stakeholders
- Participation from faculty, students and staff

MEMORANDUM OF UNDERSTANDING

This Memorandum of Understanding (herein the "Agreement") is made by and between the following health districts (Champaign, Clark, Darke, Greene, Miami, Montgomery, Preble, Sidney-Shelby) (herein the "West Central Region") and the several providers of health profession students and faculty who are signatories to this Agreement (herein the "Providers"), under the following circumstances:

WHEREAS, the West Central Region may have need for certain volunteer labor for emergency preparedness and response; and

WHEREAS, the West Central Region is willing and able to provide didactic learning experience to students; and

WHEREAS, the Providers and their health profession students and faculty are available to volunteer their time and skills to assist in emergency preparedness and response; and

WHEREAS, the Providers are willing and able to provide the West Central Region with such time and skill.

NOW THEREFORE, THE PARTIES AGREE AS FOLLOWS:

1. The Providers will assist in recruiting health profession volunteers and faculty for emergency preparedness and response. Such services may include, but shall not be limited to, nursing and other medical services, social services, and mental health services.
2. There is no minimum time commitment required on behalf of the Providers pursuant to this Agreement.
3. The West Central Region will notify the Providers should there be a need for volunteers.
4. Each provider agrees to supply the West Central Region with the number of a central contact person(s) who can be called on a "24/7 basis" in case there is a need for volunteers. The name and number of each contact person shall be updated periodically as circumstances change.
5. All losses, costs or damages which may occur or be claimed, with respect to any person or persons, corporation, property or chattels resulting from activities of either party pursuant to this Agreement, shall be the responsibility of the respective parties as such liabilities

ANCDP Survey 2004

- 12 item multiple choice survey to faculty, students and staff in four higher education schools
- Purpose was to determine the level of interest in participating in disaster-related activities



Great Miami River January, 2005

Survey Results

- Rate of Return: 78% (N=665)
- Participation in survey by classifications
 - 84% Undergraduate students
 - 3% Graduate Students
 - 6% Faculty
 - 5% Staff
- Conclusion: Graduate students and staff were significantly more interested in participating
- Graduate students were 3 times more likely than undergraduates to participate and 8.5 times more than staff
- Faculty is 3.5 times more likely to participate than staff

ANCDP Survey Conclusions

- Strategically plan for faculty, student, and staff participation
- Some individuals are not interested in participating
- Reinforce the importance of disaster preparedness for all health care providers
- Emphasize importance of data collection, analysis and staffing a hotline
- Include local academic partners from various health professions in disaster planning

2004 ANCDP/Medical Reserve Corps Activity

- Brochure distribution
- Presentations to local schools
- Training on smallpox administration
- Preceptorship
- Emergency response experiences
- MRC Recruitment Video
- Community Partnering



MRC Recruitment Video March, 2005

2005 Partnership Considerations

- Delivery of curriculum
- Nine Schools of Nursing
 - Registered Nurses
 - Licensed Practical Nurses



Flu Clinic Fall 2004



Knowledge

- Knowledge of biological agents, chemical agents, nuclear and incendiary devices
- Knowledge of agent, host and environment
- Psychological reaction of victims
- Knowledge of personal protective equipment and the need to modify techniques when wearing
- Knowledge of individual, local, state and federal emergency response plans
- Law, Practice and Policy Recommendations
 - Quarantine, Limitation on Movement
- Dissemination of findings

Skills

- First Aid/CPR
- Triage/Treatment
 - Negative Air Pressure Rooms
 - Decontamination
- Detection and Surveillance
- Disease Investigation and Reporting
 - Management of patients who are exposed
 - Data Analysis

SURVEILLANCE REPORT FOR PUBLIC HEALTH EMERGENCIES IN WEST CENTRAL OHIO				
LEAD INDICATORS				
The "conditions" box below will be green when conditions do not indicate an unanticipated increase in EMS, Homeland Security or RODS activity.	Green			
The box below will be yellow when Conditions indicate an unanticipated increase in EMS, Homeland Security or RODS activity.	Yellow			
CONDITIONS LIKELY TO INCREASE DURING A NUCLEAR, BIOLOGICAL OR CHEMICAL EVENT	Link to Graph (Available in Epi-Reports only)	2/17/2004	2/18/2004	2/19/2004
Difficulty Breathing	☺			
Burns	☺			
Heart Problems	☺			
Chest Pains	☺			
Person Choking	☺			
Illness or Sickness	☺			
Injury	☺			
Seizures	☺			
Victim Unconscious	☺			
RODS (OTC)-Montgomery County				
RODS (OTC)-Region				
State of Ohio Security Advisory				
Office of National Homeland Security Advisory				

Public Health Clinic Setting Skills

- Knowledge of methods to procure, distribute, vaccinate and administer medications in mass clinic settings
- Health screenings
- Obtaining consent
- Assist in managing clinic sites or a mobile team
- Weights
- Regulating patient flow



CHDMC Flu Clinic, Fall 2005

Communication

- Knowledge of referrals for media, and public requests for information
- Debriefing
- Communicate health risks to individuals, families and the community



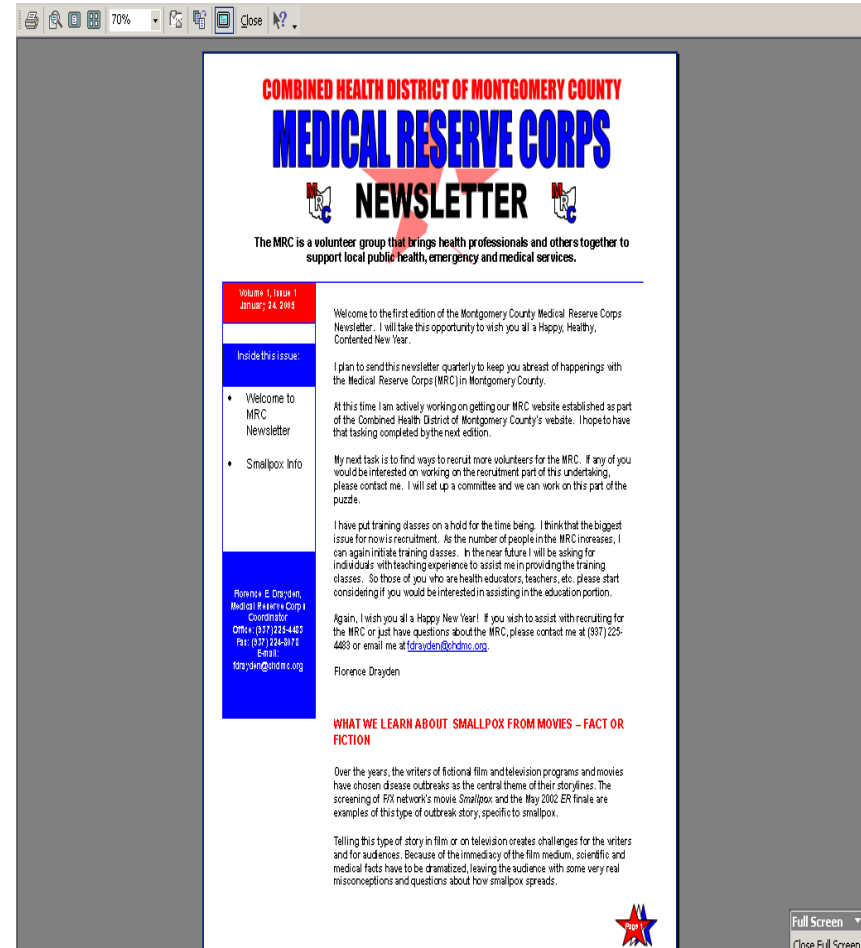
MRC Recruitment Video March, 2005

Nursing Assessment in Planning for Disaster

- Locate current literature about disasters and health care provider response
- Apply nursing knowledge of disasters in practice scenarios and real world experiences
- Assess current disaster plans
- Community Assessment

Student Activities Pre-Event

- Volunteers for MRC
 - Database
 - Recruitment and Retention
 - Helping with mailings
 - Newsletter
 - Power Point Presentation for recruitment
 - Infectious Disease presentations for Ohio Nurses Association District 10



Page Header

⚡ Detail

Background Check Complete	Education (highest level):	Education (highest level) ▼
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NUM

Student Activities Pre-Event

- Influenza Clinic in Hamilton and Clark County
- Fact sheets for education of the general public at an eighth grade level
- Training class for interested faculty, students at Sinclair College
- Smallpox Vaccination Administration training for nursing schools
- Mark 1 training



Greene

Steve Jez
RN

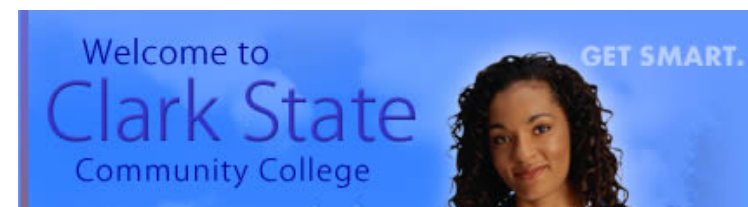
has received orientation and training to be a volunteer supporting Public Health activities. This volunteer's activities should be conducted in coordination with the West Central Ohio Medical Reserve Corps. To enlist volunteer services, please call (937) 374-5600. You may also email mrcgreene@gcchd.org.



- Power Point Presentation on Chemical Awareness training
- Mock Disaster victims for Advanced Disaster Life Support Courses



*Since 1850,
A Will to Excel*



Results of Collaboration

- Increased awareness amongst faculty, staff and students
- Increased awareness in the community-mainly by word of mouth
- Provided the students with opportunities to look at the various sides of public health
- Highlighted the role of public health
- Enriched student education by including more real world topics (reality)
- Inclusion of emergency preparedness into the nursing school's core curriculum

Summary Remarks

- Partnership was formed to support pre event, event and post event disaster-related activities
- Provide emerging health care providers the basic knowledge and skill needed to enter the workforce at a minimal level of disaster readiness and response competency
- Short term goal is to simplify the planning process for other jurisdictions
- Long term goals will support mutually beneficial partnerships between academia and the community as well as improve the delivery system of health care, thereby reducing the morbidity and mortality associated with a real disaster

